

4.

National Electrical Code

The National Electrical Code as adopted by the Board of County Commissioners of Washington County, Maryland, with an effective date of 1994, amended October 7, 1997. with amendments effective October 1, 2002.

**AN ORDINANCE TO REPEAL THE 1999 NATIONAL ELECTRICAL
CODE ADOPTED BY THE BOARD OF COUNTY COMMISSIONERS
OF WASHINGTON COUNTY, MARYLAND ON MARCH 27, 2001
AND TO ENACT THE 2002 NATIONAL ELECTRICAL CODE
WITH LOCAL AMENDMENTS FOR WASHINGTON COUNTY**

RECITALS

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The Board of County Commissioners of Washington County, Maryland, being concerned with safety and fire prevention in Washington County, adopted the 1999 National Electrical Code on March 27, 2001, effective April 1, 2001.

It has been recommended to the Board of County Commissioners of Washington County, Maryland, that it adopt the 2002 National Electrical Code which is more up-to-date and which provides greater electrical safeguards for residents of Washington County, Maryland, if implemented.

It has also been recommended to the Board, that certain amendments be made to the text of the 2002 National Electrical Code.

A public hearing was held on September 17, 2002 following due notice and advertisement of the text of the 2002 National Electrical Code, with local amendments for Washington County.

NOW, THEREFORE, BE IT ORDAINED AND ENACTED that the 1999 National Electrical Code with Local Amendments for Washington County, adopted by the Board of County Commissioners of Washington County,

Maryland, on March 27, 2001, effective April 1, 2001, and all other ordinances or parts of ordinances in conflict herewith are hereby repealed; and

NOW, THEREFORE, BE IT ORDAINED AND ENACTED that the 2002 National Electrical Code, the contents of which are incorporated herein by reference, is enacted with the following insertions, amendments and additions:

[Note: new language is in *italics*]
[Deletions are shown as ~~strikethrough~~]

- (1) **ARTICLE 210 — Branch Circuits**, is amended as follows:

Section 210.8. Ground-Fault Circuit-Interrupter Protection for Personnel, Subsection (A) Dwelling Units, is amended by adding Subsection (9) which shall read as follows:

(9) *Receptacles within 1.8 m (6 ft.) of the outside edge of a laundry sink/tub.*

Exception: A single receptacle dedicated for one appliance or a duplex receptacle with dedicated outlets for two appliances such as pumps, water heaters, washers, and dryers.

Section 210.52. Dwelling Unit Receptacle Outlets, Subsection (G) Basements and Garages, is amended and shall read as follows:

(G) **Basements and Garages.** For a one-family dwelling, at least one receptacle outlet, in addition to any provided for laundry equipment, shall be installed in each basement and each attached garage, and in each detached garage with electric power. *The receptacle outlets located in each attached and each detached garage with electric power shall be installed at a minimum height of 450 mm (18 in.) above the finished garage floor. See Section 210.8(A)(2) and*

(A)(5). Where a portion of the basement is finished into one or more habitable rooms, each separate unfinished portion shall have a receptacle outlet installed in accordance with this section.

(2) **ARTICLE 250 — Grounding, is amended as follows:**

Section 250.53. Grounding Electrode System Installation, Subsection (A) Rod, Pipe, and Plate Electrodes, is amended by adding Subsection (1) which shall read as follows:

(1) *The use of two 2.5 m x 16 mm (8 ft. x 5/8 in.) galvanized ground rods spaced a minimum of 1.8 m (6 ft.) apart shall be required for all new and upgraded residential electrical services. In addition to the two ground rods, the use of footer grounds will be left to the electrician's preferences.*

(3) **ARTICLE 300 — Wiring Methods, is amended as follows:**

Section 300.5 Underground Installations, Subsection (D), Protection from Damage, Subsection (3) Service Conductors, is amended and shall read as follows:

(3) *Service **All Underground Conductors.** Underground service conductors that are not encased in concrete and that are buried 450 mm (18 in.) or more below grade shall have their location identified by a warning ribbon that is placed in the trench at least 300 mm (12 in.) above the underground installation.*

(4) **ARTICLE 310 — Conductors for General Wiring, is amended as follows:**

Section 310.15. Ampacities for Conductors Rated 0-2000 Volts, Subsection (B) Tables, Subsection (2), Adjustment Factors, is amended by adding Subsection (c), which shall read as follows:

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Washington County

(c) *Cables Through Framing Members.* In residential application, cables passing through framing members shall be limited to no more than 9 cables per each 32 mm (1¼ in.) minimum bored hole, not to exceed a total circuit ampacity of 180.

- (5) **ARTICLE 334 — Nonmetallic-Sheathed Cable: Types NM, NMC, and NMS, is amended as follows:**

Section 334.30, Securing and Supporting, is amended and shall read as follows:

334.30. Securing and Supporting. Nonmetallic-sheathed cable shall be secured by *insulated* staples, cable ties, straps, hangers, or similar fittings designed and installed so as not to damage the cable at intervals not exceeding 1.4 m (4½ ft.) and within 300 mm (12 in.) of every cabinet, box, or fitting. Flat cables shall not be stapled on edge.

- (6) **ARTICLE 680 — Swimming Pools, Fountains, and Similar Installations, is amended as follows::**

Section 680.5, Ground-Fault Circuit Interrupters, is amended as follows:

680.5 Ground-Fault Circuit Interrupters. Ground-fault circuit interrupters (GFCIs) shall be self-contained units, circuit-breaker or receptacle types, or other listed types. *GFCI protection shall be provided for all wiring supplying any pool pump rated 15 and 20 amperes, 125 volt and 240 volt, single phase, whether by receptacle or direct connection.*

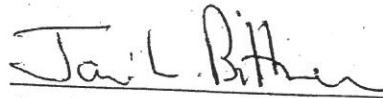
Adopted this 1st day of October, 2002.

Effective the 1st day of October, 2002.

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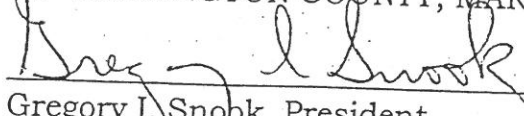
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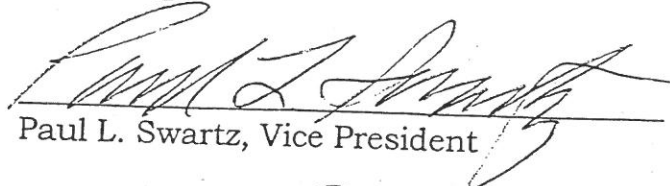


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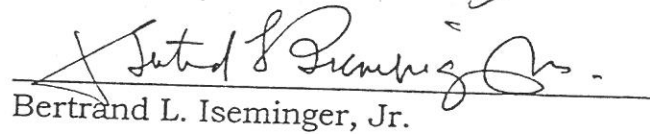
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OF WASHINGTON COUNTY, MARYLAND



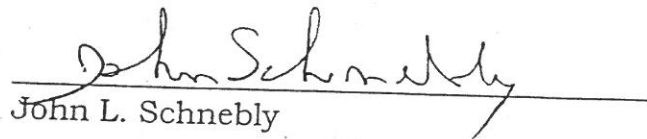
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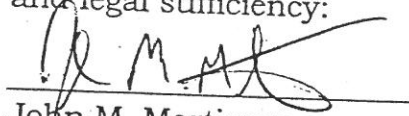


John L. Schnebly



William J. Wivell

Approved as to form
and legal sufficiency:



John M. Martirano
Assistant County Attorney

Mail to:
County Attorney's Office
100 W. Washington Street, Room 202
Hagerstown, MD 21740

5.

International Plumbing Code

The International Plumbing Code as adopted by the Board of County Commissioners of Washington County, Maryland, with an effective date of October 7, 1997, amendments adopted November 4, 1997, effective amendment July 1, 1998, amendments October 19, 2004 effective November 1, 2004.

**ACTS, ORDINANCES &
RESOLUTIONS - COUNTY**

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**AN ORDINANCE TO REPEAL THE 1993 BOCA NATIONAL PLUMBING CODE
WITH AMENDMENTS ADOPTED BY THE BOARD OF COUNTY COMMISSIONERS
OF WASHINGTON COUNTY, MARYLAND AS THE WASHINGTON COUNTY
PLUMBING ORDINANCE ON APRIL 26, 1994 AND TO ENACT THE 1997
INTERNATIONAL PLUMBING CODE WITH LOCAL AMENDMENTS FOR
WASHINGTON COUNTY**

WHEREAS, the Board of County Commissioners of Washington County, Maryland, being concerned with securing the proper installation of systems for furnishing potable water for sanitary sewage disposal and storm drainage and to ensure public safety, health and welfare insofar as they are affected by regulating and controlling the design, construction, quality of materials, installation, alteration, repair, location, relocation, replacement, addition to use or maintenance of plumbing systems, adopted the 1993 BOCA National Plumbing Code with amendments on April 26, 1994; and

WHEREAS, it has been recommended to the Board of County Commissioners that they adopt the 1997 International Plumbing Code, First Edition, which is more up-to-date and which provides greater safeguards for residents of Washington County, Maryland, if implemented; and

WHEREAS, a public hearing was held on September 23, 1997, following due notice and advertisement of the text of the 1997 International Plumbing Code, First Edition, with certain requested insertions and revisions; and

WHEREAS, public comment was received, reviewed and considered concerning the repeal of the 1993 BOCA National Plumbing Code and the adoption of the 1997 International Plumbing Code, First Edition, including Chapters 1 through 15, Appendix B and C, and local amendment.

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NOW, THEREFORE, be it ordained and enacted that the 1993 BOCA Plumbing Code, with amendments, adopted as the Plumbing Code of Washington County, Maryland on April 26, 1994, and all other ordinances or parts of ordinances in conflict herewith are repealed; and

NOW, THEREFORE, be it ordained and enacted that the 1997 International Plumbing Code, First Edition, the contents of which are incorporated herein by reference, is enacted with the following insertions, amendments, and additions:

* * * * *

The following sections, tables and appendix are hereby deleted, amended or added:

Section 101.1	Amended	Section 404.1-404.34	Deleted
Section 103	Amended	Section 404.1	Amended
Section 103.1	Amended	Section 412.4	Amended
Section 103.2.1	Added	Table 605.4	Amended
Section 103.3	Amended	Table 605.5	Amended
Section 106.3	Amended	Table 608.1.A	Added
Section 106.5.2	Added	Section 608.14	Amended
Section 106.5.3	Amended	Section 608.16.4	Amended
Section 107.A	Added	Section 608.17.9	Added
Section 107.1.3	Amended	Section 608.18	Amended
Section 108.4	Amended	Table 706.3	Amended
Section 108.5	Amended	Section 708.3.4	Amended
Section 109.1	Amended	Table 710.1(1)	Amended
Section 109.2	Amended	Section 802.3.1	Amended
Section 109.2.2	Amended	Section 903.1	Amended
Section 109.2.5	Amended	Section 904.1	Amended
Section 109.2.6	Amended	Section 917	Deleted
Section 109.5	Amended	Section 1201.2	Amended
Section 110.0	Added	Chapter 14 13	Amended
Section 202	Amended	Chapter 15 14	Added Amended Added
Section 305.6	Amended	Appendix A	Deleted
Section 305.6.1	Amended		

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- (1) **SECTION 101.1** shall read as follows:

SECTION 101.1 TITLE: These regulations shall be known as the Plumbing Code of Washington County hereinafter referred to as "this code".

- (2) **SECTION 103 DEPARTMENT OF PERMITS & INSPECTIONS**

SECTION 103.1 is amended and shall read as follows:

SECTION 103.1 CODE OFFICIAL: The Director of the Department of Permits and Inspections of Washington County shall be known as the Code Official.

- (3) **SECTION 103.2.1** is added and shall read as follows:

SECTION 103.2.1 QUALIFICATIONS: Plumbing Combination Inspector hired by the County or State government after October 1, 1988 shall meet the minimum standards established by the County and the State Plumbing Board.

A. Applicant(s) for Combination Inspector(s) III shall hold a Master Plumber's license issued by the State of Maryland or the applicant shall be a licensed professional mechanical engineer with at least four (4) years experience and shall pass a written examination administered by the State Board.

Combination Inspector(s) III shall attend at least one (1) each year, a refresher course to be conducted by the State Board or a course which is consistent in content with the State Board.

Combination Inspector(s) shall not be engaged or financially interested in any plumbing business directly or indirectly, during their term of employment.

- (4) **SECTION 103.3** is amended and shall read as follows:

SECTION 103.3 DEPUTIES: Combination Inspector(s) shall be hired by the County Commissioners of Washington County, upon recommendation by the Director of Permits and Inspections.

- (5) **SECTION 106.3** is amended and shall read as follows:

SECTION 106.3 APPLICATION FOR PERMIT - BY WHOM APPLICATION IS MADE: Each application for a permit, with the required fee, shall be filed with the code official on a form furnished for that purpose and shall contain a general description of the proposed work and its location. The permit application shall indicate the proposed occupancy of all parts of the building and of that portion of the site or lot, if any, not covered by the building or structure and shall contain such other information required by the code official. Application for a permit shall be made by a person, or an agent, to install all or part of any plumbing system. The applicant shall meet all qualifications established by rules promulgated with this code or by ordinance, resolution, or statute. The full names and addresses of the owner, lessee, applicant and of the responsible officers, if the owner or lessee is a corporate body, shall be stated in the application. The application must be signed by the Master Plumber holding a Washington County plumbing license and doing the work. The only exception would be when the homeowner successfully passes a written or oral exam issued by the Washington County Department of Permits and Inspections. Upon successfully passing the exam, the property owner shall sign a release agreement stating his or her intention to do the plumbing in his or her place of residence according to the Washington County homeowner provision and releasing the County from any liability therefrom. **Homeowner provisions do not apply to applications for public**

or private water and sewer systems and mobile homes or gas lines. Permits shall not be processed until it is completely filled out by the licensed contractor or homeowner.

(6) SECTION 106.5.2 shall read as follows:

SECTION 106.5.2 REGISTRATION AND PERMIT FEES SCHEDULE: The registration and permit fees for all plumbing work shall be as indicated in the following schedule.

SCHEDULE OF PERMIT FEES AND LICENSE FEES

Prior to the issuance of any permit, the applicant shall pay the following fees:

*(Regardless of the number of fixtures or appliances)

RESIDENTIAL

___ *Mobile Home	\$25.00	___
___ *Single/Modular Dwelling	30.00	___
___ *2 Family/Semi-Detached (Separate application required for each unit)	30.00 per unit	___
___ *Town House (Separate application required for each unit)	20.00 per unit	___
___ Connection to Water	10.00 per unit	___
___ Connection to Sewer	10.00 per unit	___
___ Connection to Water and Sewer	15.00 per unit	___
___ *Multi-Family	25.00 per unit	___
___ Addition (5 or more fixtures and/or appliances)	25.00	___
___ Remodeling (5 or more fixtures and/or appliances)	25.00	___
___ Miscellaneous (additions/remodeling/ repairs/other) (maximum of four fixtures and/or appliances)	15.00	___
___ List fixtures		___
___ Connection to Water	15.00	___
___ Connection to Sewer	15.00	___

RESIDENTIAL PACKAGE

___ Mobile Home with Water & Sewer	40.00	___
___ Single/Modular Dwelling with Water & Sewer	50.00	___
___ 2 Family/Semi-Detached with Water & Sewer (Separate Application required for each unit)	45.00 per unit	___
___ Connection to Water & Sewer	25.00	___

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COMMERCIAL

____ Commercial/Industrial - New/additions/remodeling
(Maximum of 10 fixtures and/or appliances plus \$2.00 per
additional fixture and/or appliance)

____ Connection to Water	50.00	_____
____ Connection to Sewer	40.00	_____
____ Storm Drain	40.00	_____
____ Connection to Water & Sewer	40.00	_____
	80.00	_____

PENALTIES

____ Transfer of Permit to New Plumber		
____ Additional inspections due to condemnation or work requiring correction, work covered up before inspection, premature request for inspection due to structure being locked or no domestic hot water. Exemptions are single fixture or single appliance replacements. This fee due prior to any further inspections on property.	20.00	_____
	20.00	_____

LICENSING FEES
WASHINGTON COUNTY, MARYLAND

REGISTRATION, LICENSING, AND BIENNIAL FEES

	<u>Resident</u>	<u>Non-Resident</u>
Master Plumber	\$ 50.00	\$ 100.00
Journeyman	20.00	40.00
Apprentice	15.00	30.00
On-Site Contractor	50.00	100.00
Appliance Installer	50.00	100.00
Drain Cleaner	50.00	100.00
*Water Conditioner	N/C	N/C
*Pump Installer	N/C	N/C
*Master Well Driller	N/C	N/C
*Journeyman Well Driller	N/C	N/C

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Upon initial registration, applicant shall pay the registration and licensing fees. The Board of County Commissioners of Washington County, Maryland, may, by resolution, change periodically the registration, licensing, and biennial fees.

*The State requires these types of licenses to be exempt from all licensing fees.

No additional renewal fee will be charged to applicants registering after March during the renewal year.

(7) **SECTION 106.5.3** is amended to read as follows:

SECTION 106.5.3 FEE REFUNDS: The code official shall authorize the refunding of fees as follows:

1. All but the application fee hereunder that was erroneously paid or collected.
2. All but the application fee when no work has been done under a permit issued in accordance with this code.

The code official shall not authorize the refunding of any fee paid except upon written application filed by the original permittee not later than 180 days after the date of fee payment.

(8) **SECTION 107.A** is added and shall read as follows:

SECTION 107.A GENERAL: The responsibility for requesting an inspection shall rest entirely with the licensed master plumber, master well driller, on-site utility contractor, appliance, pump, and water conditioner installers, who applied for the permit, or homeowner who has successfully passed the homeowner's examination. No work shall be covered or concealed until the work has been inspected and approved. Improper workmanship shall be remedied and unsatisfactory materials shall be replaced as ordered by the inspector, and the corrections shall be reinspected. All requests for inspections shall be made 24 hours in advance of the date requested. All requests for final inspections shall be made within 48 hours after

completion of all plumbing by the licensed contractor. Should the contractor fail to do so, the homeowner may call for the final inspection.

- (9) **SECTION 107.1.3** is amended and shall read as follows:

SECTION 107.1.3 FINAL INSPECTIONS: All work must be inspected and receive final approval after all plumbing fixtures and appliances connected with the water or sewer systems are set, sewers and wells are covered, and domestic hot water must be supplied at the time of inspection. All commercial facilities shall mark different types of piping within the structure and tag all valves. A directory of the system in all commercial facilities shall be placed in the mechanical room.

- (10) **SECTION 108.4** shall read as follows:

SECTION 108.4 VIOLATION PENALTIES: Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair plumbing work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provision of this code, shall be guilty of a misdemeanor, punishable by a fine of not more than \$1,000.00 or by imprisonment not exceeding one year, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

- (11) **SECTION 108.5** shall read as follows:

SECTION 108.5 STOP WORK ORDERS: Upon notice from the code official, work on any plumbing system that is being done contrary to the provisions of this code or in a dangerous or unsafe manner shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists,

the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than \$250.00 or more than \$1,000.00.

(12) **SECTION 109.1** is amended to read as follows:

SECTION 109.1 APPLICATION FOR APPEAL: Any person shall have the right to appeal a decision of the code official to the Plumbing Board. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is proposed. The application shall be filed on a form obtained from the code official within 20 days after the notice was served.

(13) **SECTION 109.2** shall be amended to read as follows:

SECTION 109.2 MEMBERSHIP OF BOARD: The Washington County Plumbing Board shall consist of five (5) members appointed by the Board of County Commissioners of Washington County. The County Health Officer or the Health Officer's designee shall serve as an ex-officio, non-voting member of the Board and shall not receive any additional compensation for serving as a member. Two (2) of the members shall be master plumbers, three (3) members shall be selected from the public, and each member shall reside in the County. Two (2) members shall be selected for three (3) year terms of office, two (2) members for two (2) year terms of office, and one (1) member for a one (1) year term of office. No member of the Washington County Plumbing Board shall sit on the Plumbing Board for more than six (6) years except for the Washington County Health Officers or his/her designee.

The Board, subject to the approval of the Board of County Commissioners of Washington County, may make rules and regulations for the plumbing trade or business in Washington County, as are necessary for the protection of the public health, welfare, and safety insofar as they do not conflict with the Business Occupations and Professions Article of the Annotated Code of Maryland.

- (14) **SECTION 109.2.2** is amended to read as follows:

SECTION 109.2.2 ALTERNATE MEMBERS: The Board of County Commissioners of Washington County may appoint two alternate members who shall be called by the Board chairman to hear appeals during the absence or disqualification of a member.

- (15) **SECTION 109.2.5** is amended to read as follows:

SECTION 109.2.5 SECRETARY: The code official shall designate a qualified clerk to serve as secretary to the Board. The secretary shall file a detailed record of all proceedings in the Department of Permits and Inspections for Washington County, Maryland.

- (16) **SECTION 109.2.6** is amended to read as follows:

SECTION 109.2.6 COMPENSATION OF MEMBERS: Compensation of the members of the board who may received compensation shall be in that amount as determined by the Board of County Commissioners.

- (17) **SECTION 109.5** is amended to read as follows:

SECTION 109.5 POSTPONED HEARING: When five members are not present to hear an appeal, either the appellant or the appellant's representative shall have the right to request and receive a postponement of the hearing. A new hearing shall be held within seven (7) days.

- (18) SECTIONS 110.0 thru 110.11.1 shall read as follows:

SECTION 110.0 RULES, REGULATIONS AND PROCEDURES

SECTION 110.1 LICENSING: All licensing for the provision of plumbing services in Washington County shall be in accordance with Title 12, Plumbers, Business and Occupations Article, Annotated Code of Maryland.

SECTION 110.2 REGISTRATION, LICENSES AND CERTIFICATE OF

INSURANCE: No person shall be registered to perform any plumbing services nor shall any person be issued a permit unless that individual is registered with the Washington County Plumbing Board and has a license issued and recognized by the State of Maryland. The Washington County Plumbing Board shall not register a master plumber, appliance installer, drain cleaner, or on-site utility contractor to perform plumbing services in Washington County, Maryland, without obtaining sufficient proof of insurance as set forth in Article 56, Section 462(C) (\$300,000 general liability and \$100,000 property damage). The Certificate of Insurance shall remain in full force and effect and shall only be canceled or released by the Department of Permits and Inspections. In order to register with the Washington County Plumbing Board, master plumbers, journeymen plumbers and apprentice plumbers, appliance installers, drain cleaners, and on-site utility contractors shall pay the established registration fee at the time application is made and pay a bi-annual renewal fee payable on or before the 31st day of May of the renewal year. However, no additional renewal fee will be charged to applicants registering after March during the renewal year.

SECTION 110.3 SUSPENSION, REVOCATION AND FINES: The Washington County Plumbing Board, by a two-thirds majority decision, may suspend or revoke the

registration of a plumber in Washington County for a violation of this Ordinance. A plumber shall not perform plumbing services in Washington County, Maryland, if his/her registration to do so in Washington County is suspended or revoked. Suspension of a registration shall be for no more than one (1) year. Revocation of a registration shall be for not less than one (1) year nor more than three (3) years. Any person who has been suspended by the Washington County Plumbing Board two (2) times, will have his registration to perform plumbing services in Washington County revoked upon a third conviction of a violation of the Washington County Plumbing Code.

SECTION 110.4 REQUIREMENTS FOR SHOW ROOM, OFFICES, SHOPS AND

VEHICLES: It shall be required of every master plumber to display, in a conspicuous place, a sign with full registered name or names, and the words "Registered Plumber" or "Registered Plumbers" in letters not less than 1-1/2 inches in size, and immediately following or underneath, Washington County Certificate number or numbers in this same size. All vehicles owned by a firm or corporation must display, in a conspicuous place, the name of the person(s) holding the Master Certificate, the words "Registered Plumber" or "Registered Plumbers" and the Washington County number or numbers. Any vehicles that are not properly lettered, the master plumber responsible will be issued a violation notice and shall be given 30 days to correct the violation. Failure to comply may result in legal action and the Department of Permits and Inspections shall withhold the issuance of any permits or inspections for existing projects until the vehicles are properly lettered.

SECTION 110.5 APPLIANCE INSTALLERS

SECTION 110.5 LICENSE: Before any person other than a duly licensed plumber shall enter into the performance of the work of an "Appliance Installer", as defined, for hire, either for himself or as the employee of another, he or she shall obtain an Appliance Installer's license from the Plumbing Board, Washington County Department of Permits and Inspections as follows:

SECTION 110.5.2 APPLIANCE INSTALLER'S TEST: A written or oral test will be given by the Plumbing Board upon request. Application for the test must be received and be accompanied by an established non-refundable fee and a letter of recommendation from a previous employer holding a Washington County Appliance Installer's license. The applicant must have five (5) years prior experience before applying for license. If the applicant fails the test, it may be retaken upon reapplication and payment of appropriate fees. The applicant must post a score of 70 percent or higher to pass the examination. The applicant has thirty (30) days from the test date to review the scored test.

SECTION 110.6 DRAIN CLEANERS

SECTION 110.3.6 APPLICATION: Any eligible person desiring to engage in the business of drain cleaning shall apply for registration to the Washington County Department of Permits and Inspections on a form and in a manner prescribed by the Plumbing Board. The application shall be accompanied by an established non-refundable fee and a Certificate of Insurance.

SECTION 110.7 HOMEOWNER'S PERMIT

SECTION 110.7.1 HOMEOWNER'S PERMIT: Washington County is permitted to grant a homeowner a permit to those qualified to perform work on their own residence. The homeowner can do plumbing in or on his or her place of residence owned by him or her. Homeowners requesting to perform their own HANDS-ON plumbing work shall take a written or oral examination of basic plumbing skills, given by the Washington County Department of Permits and Inspections on a one time basis only. After receiving a score of 70% or greater the homeowner will be permitted to obtain a plumbing permit to perform his/her own hands-on plumbing work within the confines of his/her own dwelling, up to 3 feet (915 mm) from the foundation wall on the building drain. Homeowners making application must sign a release agreement stating that he/she intends to personally occupy the dwelling, that said house is not for sale, rent or commercial use, and that the house is not being built or remodeled by the property owner for the purpose of offering it for sale, rent or commercial use. A valid drivers license or photo identification shall be presented at the time of examination.

SECTION 110.8 ON-SITE UTILITY CONTRACTORS

SECTION 110.8.1 APPLICATION: Any eligible person desiring to engage in the business of being an on-site utility contractor shall apply for a license to the Washington County Department of Permits and Inspections on a form and in the manner prescribed by the Plumbing Board and provide a Certificate of Insurance. The application for the test must be received and accompanied by an established non-refundable fee. The test shall be given by the Plumbing Board. If the applicant fails the test, it may be retaken upon reapplication and payment of

appropriate fees. The applicant must post a score of 70 percent or higher to pass the examination. The applicant has thirty (30) days from the test date to review the scored test.

SECTION 110.9 REGISTERED HOLDER; VIOLATIONS OF PLUMBING CODE

SECTION 110.9.1 COMPLAINTS: The Board shall receive all complaints of any alleged violation of the Plumbing Code filed against any individual registered by the Board. These complaints must be in writing setting forth the nature of the alleged complaint, the time, date and location where alleged violation was committed, and signed by the person filing the complaint. The Board shall notify all parties to appear for a hearing on the alleged violation and written notices shall be sent at least seven days prior as to the time and place of hearing. The Board shall conduct the hearing which shall be recorded.

SECTION 110.10 TRANSFER OF PLUMBING FEES

SECTION 110.10.1 SCOPE: There will be NO TRANSFER OF PLUMBING FEES OR PLUMBING PERMITS except with the following considerations.

A release letter from the homeowner and Master Plumber who originated the permit must be presented to the Washington County Department of Permits and Inspections, stating the reason(s) for desiring a transfer. If a transfer of a plumbing permit is approved by the Washington County Department of Permits and Inspections, an established transfer fee will be charged the new plumber. Should the original master plumber refuse to release his permit, the code official will review the reasons the master plumber will not release or why a release or transfer is needed. The code official will then render his decision to release or transfer. Should either party disagree with the code official's decision, they would have the right to appeal that decision to the Washington County Plumbing Board.

SECTION 110.11.1 PUBLIC SYSTEMS AVAILABLE: A public water main or public sewer system shall be considered available to a building when the building is located within 350 feet of the public water main or sewer.

✓ (19) **SECTION 202 DEFINITION OF PLUMBING TERMS** is amended by adding (*) to the following definitions:

***Appliance Installer:** "Appliance installer" shall mean any person who installs self-contained appliances to existing water and/or sewer piping systems, not including gas (natural, propane or LP), including, but not limited to, humidifiers, dehumidifiers, ice-makers, dishwashers clothes-washers and instant hot dispensers, and such work is done as part of a retail sales business, as part of a service business or part of a business involving the sale of gas, electricity or other fuel with which such appliances are operated, whether such person owns the business or installs said appliances as the employee of another.

***Drain Cleaners:** "Drain cleaners" shall mean any individual, person, or firm who offers to engage in the work of cleaning sanitary sewer drains for hire.

***On-Site Utility Contractor:** "On-site utility contractor" shall mean any individual, person, or firm who performs plumbing work while installing public water or public sewage no closer than five (5) feet from a building being serviced.

***Service Building:** Building housing toilet, bathing, laundry and such other facilities as may be required.

***Sewer Connection:** That portion of the drainage piping which extends as a single terminal under the trailer coach for connection with the trailer park drainage system.

***Trailer Coach:** Any camp-car, trailer, or other vehicle with or without motive power, designed and constructed to travel on the public thoroughfares in accordance with provisions of the Vehicle Code and designed or used for human habitation.

***Trailer Coach-Dependent:** A trailer coach which is not equipped with a water closet for sewage disposal.

***Trailer Coach-Independent:** A trailer coach which is equipped with a water closet for sewage disposal.

***Trailer Coach Drain Connection:** The removable extension connecting the trailer coach drainage system to the trailer connection fixture.

***Trailer Coach-Left Side:** The side farthest from the curb when the trailer home is being towed or in transit.

***Trailer Connection Fixture:** A connection to a trap which is connected to the park drainage system, and receives the water, liquid, or other waste discharge from a trailer coach.

***Trailer Park Drainage System:** The entire system of drainage piping used to convey sewage or other waste from a trailer connection fixture to the sewer.

***Trailer Park Branch Line:** That portion of drainage piping which receives the discharge from not more than two trailer connection fixtures.

***Trailer Park:** Any area or tract of land where space is rented or held-out for rent, or occupied by two or more trailer coaches.

***Trailer Park Sewer System:** That piping which extends from the public or private sewage disposal system to a point where the first trailer park drainage system branch fitting is installed.

***Trailer Park Water Service Main:** That portion of the water distribution system which extends from the street main, water meter, or other source of supply to the trailer site water service branch.

***Trailer Site:** That area set out by boundaries on which shall be located one trailer.

***Trailer Site Waste Service Branch:** That portion of the water distributing system extended from the park service main to a trailer site, and includes connections, devices, and appurtenances thereto.

***Water Service Connection:** That portion of water supply piping which extends as a singly terminal under the trailer coach for connection with the trailer coach park water supply system.

✓ (20) SECTION 305.6 is amended and shall read as follows:

SECTION 305.6 WATER LINE DEPTH: Water service and well line piping shall be installed below recorded frost penetration but not less than 3 feet (915 mm) below grade. In climates with freezing temperatures, plumbing piping in exterior building walls or areas subjected to freezing temperatures shall be protected against freezing by insulation or heat or both.

✓ (21) SECTION 305.6.1 is amended and shall read as follows:

SECTION 305.6.1 SEWER DEPTH: Building sewers that connect to private sewage disposal systems shall be a minimum of 8 inches (203 mm) to 30 inches (762 mm) below the finished grade at the point of septic tank connection. Building sewers that connect to public sewers shall be a minimum of 30 inches (762 mm) below grade.

- (22) **DELETE:** Sections 404.1 through 404.3.4 ¹⁹⁹⁷ in its entirety then ^{add} amend Sections 404.1 to read as follows: 404.2.6 *2002*

SECTION 404.1 WHERE REQUIRED: Assessible plumbing fixtures shall conform to COMAR .05.02.02 Maryland Accessibility Code.

- ✓ (23) **SECTION 412.4** is amended and shall read as follows:

SECTION 412.4 REQUIRED LOCATION AND CONSTRUCTION: In public coin-operated laundries and in the central washing facilities of multiple family dwellings, the rooms containing the automatic clothes washers shall be provided with floor drains located to readily drain the entire floor area. Such drains shall have a minimum outlet cross section of not less than 3 inches (76 mm) in diameter and shall have a trap primer device.

Amend Table 605.4 by deleting L, WL, M or WM under "Copper or copper alloy tubing.

An amended Table 605.4 is shown below:

Table 605.4
WATER SERVICE PIPE

MATERIAL	STANDARD
Acrylonitrile butadiene styrene (ABS plastic pipe)	ASTM D 1527; ASTM D 2282
Asbestos cement pipe	ASTM C 296
Brass pipe	ASTM B 43
Copper or copper alloy pipe	ASTM B 42; ASTM B 302
Copper or copper alloy tubing (Type K, WK)	ASTM B 75; ASTM B 88 ASTM B 251; ASTM B 447
Chlorinated polyvinyl chloride (CPVC) plastic pipe	ASTM D 2846; ASTM F 441; ASTM F 442; CSA B137.6
Galvanized steel pipe	ASTM A 53
Polybutylene (PB) plastic pipe and tubing	ASTM D 2662; ASTM D 2666; ASTM D 3308; CSA B137.8
Polybutylene (PE) plastic pipe	ASTM D 2239; CSA CAN/CSA-B137.1
Polyethylene (PE) plastic tubing	ASTM D 2737; CSA B137.1
Cross-linked polyethylene (PEX) plastic tubing	ASTM 876; ASTM F 877; CSA CAN/CSA-B137.5
Cross-linked polyethylene/ Aluminum/cross linked polyethylene (PEX-AL-PEX) pipe	ASTM F 1281; CSA CAN/CSA B137.10
Polyethylene/aluminum/ Polyethylene (PE-AL-PE) pipe	ASTM F 1282; CSA CAN/CSA B 137.9
Polyvinyl chloride (PVC) plastic pipe	ASTM D 1785; ASTM D 2241; ASTM D 2672; CSA CAN/CSA B137.3

Amend Table 605.5 by deleting L, WL, M, WM under "Copper or copper alloy tubing".

An amended Table 605.5 is shown below: CLERK OF THE CIRCUIT COURT
WASHINGTON COUNTY

Table P-605.5
WATER DISTRIBUTION PIPE

MATERIAL	STANDARD
Brass Pipe	ASTM B 43
Chlorinated polyvinyl chloride (CPVC) plastic pipe and tubing	ASTM D 2846; ASTM F 441 ASTM F 442; CSA B137.6
Copper or copper-alloy pipe	ASTM B 42; ASTM B 302
Copper or copper-alloy tubing (Type K, WK, L, WL)	ASTM B 75; ASTM B 88 ASTM B 251; ASTM B 447
Cross-linked polyethylene (PEX) plastic tubing	ASTM F 887; CSA CAN/CSA-B137.5
Cross-linked polyethylene/Aluminum/cross-linked Polyethylene (PEX-AL-PEX) pipe	ASTM F 1281; CSA CAN/CSA-B137.10
Galvanized steel pipe	ASTM A 53
Polybutylene (PB) plastic pipe and tubing	ASTM D 3309; CSA CAN3-B137.8

Table 608.1A
Type/Location of Backflow Prevention Devices

Standard Number	Device or Method	Type of Protection (BS=back siphonage) (BP=back pressure)	Hazard	Installation Dimensions and Position	Pressure Condition (I=Intermittent) (C=Continuous)	Comment	Use
ASSE 1011 (a)	Hose Bibb Vacuum Breaker with Theft Device	BS	Low	-Locked on hose bibb threads -At least 6 inches (6") above grade	I		Hose bibbs, hydrants, and sillcocks
ASSE 1012 (a)	Dual Check Valve with Atmospheric Vent	BS & BP	Low to Moderate	-Any position -Drain piped to floor	C		-Residential, boilers, spas, hot tub & swimming pool feedlines -Food processing equipment -Photo lab equipment -Hospital equipment -Sterilizers -Commercial dishwashers -Water cooled HVAC -Landscape hose bibb -Washdown racks -Make-up water to heat pumps -Beverage dispensers

(a) Unions are not acceptable.

Table 1A
Type/Location of Backflow Prevention Devices

Standard Number	Device or Method	Type of Protection (BS=back siphonage) (BP=back pressure)	Hazard	Installation Dimensions and Position	Pressure Condition (I=Intermittent) (C=Continuous)	Comment	Use
ASSE 1013 (a) (b)	Reduced Pressure Zone Backflow Preventer	BS & BP	High	-Inside building - 18 inches (18") to 48 inches (48") (center line to floor) -Horizontal only	C		-Chemical tanks -Chilled water -Cooling towers -Commercial boilers, swimming pools & spas -Hospital equipment -Lawn sprinkler -Fire sprinkler
ASSE 1015 (b)	Double Check Valve Assembly	BS & BP	Low	-Inside building - 18 inches (18") to 48 inches (48") (center line to floor) -Horizontal only	C		-Fire sprinkler systems (Type II low hazard) -Washdown racks -Large pressure cookers and steamers

1) Unions are not acceptable.

2) A fine mesh Y-strainer with drain valve shall be installed ahead of the inlet shut-off valve.

Table 008.1A
Type/Location of Backflow Prevention Devices

Standard Number	Device or Method	Type of Protection (BS=back siphonage) (BP=back pressure)	Hazard	Installation Dimensions and Position	Pressure Condition (I=Intermittent) (C=Continuous)	Comment	Use
ASSE 1020 (a)	Pressure Type Vacuum Breaker	BS & BP	High	-12 inches (12") to 60 inches (60") above highest outlet) Vertical only	C		-Degreasers -Laboratories -Photo tanks -Swimming pools (must be located outdoors) -Lawn Sprinkler
ASSE 1024 (a)	Dual Check	BS & BP	Low	Any position	C		-Outside drinking fountains -Automatic grease recovery device -Buried hydrants -Ice makers -Dental chairs -House sprays
ASSE 1024 Serviceable in-line type (a)	Dual Check	BS & BP	Low	Horizontal position only	C		-Fire sprinkler systems (Type I buildings)

(a) Unions are not acceptable.

- ✓ (24) SECTION 608.14 is amended and shall read as follows:

SECTION 608.14 LOCATION OF BACKFLOW PREVENTERS: Backflow prevention devices shall be in accordance with Table 608.1A. These devices shall be installed in accessible locations for ease of maintenance, replacement and testing. Adequate headroom shall be provided and a minimum of 30 inches (762 mm) of non-obstructed space shall be provided in front of devices and a minimum of 18 inches (457 mm) shall be provided behind devices larger than 2 inches (51 mm).

Backflow devices shall be installed inside a building in an area capable of maintaining a temperature above freezing.

- ✓ (25) SECTION 608.16.4 is amended and shall read as follows:

SECTION 608.16.4 CONNECTIONS TO AUTOMATIC FIRE SPRINKLER SYSTEMS AND STANDPIPE SYSTEMS: The potable water supply to automatic fire sprinkler and standpipe systems shall be protected against backflow by a double check-valve assembly or a reduced pressure principle backflow preventer. All supply valves serving these devices shall be locked in the open position and shall be accessible.

Exceptions:

1. Where systems are installed as a portion of the water distribution system in accordance with the requirements of this code and are not provided with a fire department connection, isolation of the water supply system shall not be required.
2. Isolation of the water distribution systems is not required for deluge, preaction or dry pipe systems.

- ✓ (26) SECTION 608.17.9 is added and shall read as follows:

SECTION 608.17.9 PUMP TANK INSTALLATION: Any pressure tank installed in a basement and/or crawl space shall be a minimum of 7 ½ inches (191 mm) above finished grade. All water pressure tanks and apparatus for mobile homes shall be installed in the confines of the living space. In every case, the only exception shall be those tanks installed a minimum of 18 inches (457 mm) from the top of the tank to finished grade in an approved manhole with a water tight lid, a minimum of 6 inches (152 mm) above finished grade.

- ✓ (27) SECTION 608.18 is amended to read as follows:

SECTION 608.18 PERIODICAL TESTING: Periodic tests and inspections shall be made by a certified backflow technician, licensed in the state of Maryland for all backflow preventers to determine whether they are operable. Reduced pressure principle backflow preventers (ASSE 1013) double check valve assemblies (ASSE 1015). Double detector check-valve breakers (ASSE 1040), pressure type vacuum breaker (ASSE 1020) shall be inspected and tested after their initial installation. Test shall be done annually and an overhaul shall be done as needed. Results shall be recorded on forms provided by the Washington County Department of Permits and Inspections.

✓ (28) SECTION 706.3 Table amended as follows:

TABLE 706.3
FITTINGS FOR CHANGE IN DIRECTION

TYPE OF FITTING PATTERN	CHANGE IN DIRECTION		
	Horizontal to vertical	Vertical to horizontal	Horizontal to horizontal
Sixteenth bend	X	X	X
Eighth	X	X	X
Sixth bend	X	X	X
Quarter bend	X	X ^a	X
Short sweep	X	X ^{a,b}	
Long sweep	X	X	X
Sanitary tee	X ^c	X	
Wye	X	X	X
Combination wye and eighth bend	X	X	X

For SI: 1 inch = 25.4

^a fittings shall be permitted for a 2-inch or smaller fixture drain
^b 18 inches and larger
^c for a limitation on double sanitary tees, see Section 706.3.

✓ (29) SECTION 708.3.4 is amended and shall read as follows:

SECTION 708.3.4 BASE OF STACK: A cleanout shall be provided at the base of each waste or soil stack. The center of the main stack cleanout shall be a minimum of 18 inches (457 mm) above the finished floor.

(30) Table 710.1(1) is amended to read as follows:

**Table 710.1(1)
BUILDING DRAINS AND SEWERS**

DIAMETER OF PIPE (inches)	MAXIMUM NUMBER OF DRAINAGE FIXTURE UNITS CONNECTED TO ANY PORTION OF THE BUILDING DRAIN OR THE BUILDING SEWER, INCLUDING BRANCHES OF THE BUILDING DRAIN*			
	Slope per foot			
	1/16 inch	1/8 inch	1/4 inch	1/2 inch
1 1/4			1	1
1 1/2			3	3
2			21	21
2 1/2			24	24
3		36	42	50
4		180	216	250
5		390	480	575
6		700	840	1,000
8	1,400	1,600	1,920	2,300
10	2,500	2,900	3,500	4,200
12	2,900	4,600	5,600	6,700
15	7,000	8,300	10,000	12,000

/ a For SI: 1 inch = 25.4 mm, 1 inch per foot = 0.0833 mm/m

The minimum size of any building drain serving a water closet shall be 4 inches with a 4 inch clean out located at the base of the stack

b Note (b) - Not over three water closets or three bathroom groups

c Building sewer shall not be less than 4 inches in diameter

(31) SECTION 802.3.1 is amended and shall read as follows:

SECTION 802.3.1 SIZE OF RECEPTOR: Waste receptor shall be sized for the maximum discharge of all indirect waste pipes served by the receptor. Receptors shall be installed to prevent splashing. All waste

ceptor floor sinks shall be a minimum of 9 inches by 9 inches (229 mm by 229 mm) and installed with a minimum of 1/4 inch raised lip above finished floor.

- ✓ (32) **SECTION 903.1 MAIN VENT REQUIRED** is amended to read as follows:

SECTION 903.1 MAIN VENT REQUIRED: Every sanitary drainage system receiving the discharge of a water closet shall have a main vent that is either a vent stack or a stack vent. Such vent shall not be less than 3 inches (76 mm) in diameter and run undiminished in size and as directly as possible from the building drain through to the open air above the roof.

- ✓ (33) **SECTION 904.1 ROOF EXTENSION** is amended to read as follows:

SECTION 904.1 ROOF EXTENSION - All open vent pipes that extend through a roof shall be terminated at least 12 inches (305 mm) above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extensions shall be run at least 7 feet (2134 mm) above the roof.

Delete SECTION 917, 917.1 through 917.8 AIR ADMITTANCE VALVES

SECTION 1201.2 GENERAL is amended to read as follows:

section 1204
SECTION 1201.2 GENERAL - All fuel piping systems shall be sized, installed, tested and placed in operation in accordance with ~~Appendix G of this code.~~ *13 Reference Standards 94* **GAS CODES?**

- (35) ~~CHAPTER 14 CODES PAGE 91~~ *delete DEC* is amended to read as follows: **NFPA 54 & 58**

CODES

This model-plumbing code is intended to be utilized in conjunction with the other model codes that are adopted by the jurisdiction. See Footnote a

Standard reference number	Title	Referenced in code section number
BOCA National Building Code/1996		201.3, 305.4, 307.2, 307.3, 308.2, 309.1.1 309.1.2, 310.1, 310.3, 403.1, Table 403.1, 404.1, 404.3, 407.2, 417.6, 606.5.2
International Mechanical Code/1996		201.3, 310.1, 422.9, 502.1, 1201.2, 1302.1

14
CHAPTER 1500 TRAILER PARKS PLUMBING STANDARDS, Sections 1500 through 1509 are added to read as follows:

1501 Trailer Parks Plumbing Standards:

1502 SCOPE: The primary objection of this chapter is to assure sanitary plumbing installations in trailer home parks.

SECTION 1503 STANDARDS:

SECTION 1503.1 - Plumbing systems hereafter installed in trailer home parks shall conform to the provisions set forth in the preceding sections of these Regulations, where applicable, and also to the provisions set forth in this Section. Trailer home park plumbing and drainage systems, in addition, shall conform to all other applicable Administrative Authority regulations.

SECTION 1503.2 PLANS AND SPECIFICATIONS. Before any plumbing or sewerage disposal facilities are installed or altered in any trailer park, duplicate plans and specifications shall be filed, and proper permits obtained from the Administrative Authority. Plans shall show in detail:

- (1) Plot plan of the park, drawn to scale, indicating elevations, property lines, driveways, existing or proposed buildings, and the sizes of trailer sites;
- (2) Complete specification and piping layout of proposed plumbing system or alteration; and
- (3) Complete specification and layout of proposed sewage disposal system or alteration.

SECTION 1503.3 - Trailer park plumbing system shall be designed and installed according to the requirements of the plumbing code and shall, in addition, conform to all other pertinent local ordinances and State regulations.

SECTION 1503.4 MATERIALS: Materials shall conform to the approved standards set forth in other sections of the plumbing code.

SECTION 1504 SEWER:

SECTION 1504.1 -The Trailer Park Drainage System shall be designed and installed in accordance with the requirements of the Plumbing Code, or may be installed by the use of a waste and vent drainage system, which shall consist of an installation of waste piping, as provided in this regulation; in which the traps for one or more trailer connection fixtures are not separately or independently vented, but which are vented through the waste piping as such size to secure free circulation of air therein.

SECTION 1504.2 - Each independent trailer site shall be provided with a trapped trailer connection which shall consist of a 3 inch (76) horizontal iron pipe-size threaded connection, installed a minimum of 3 inches (76 mm) and a maximum of 6 inches (162 mm) (from the bottom of the connection), above the finished grade. The vertical connection to the trailer connection fixture shall be anchored in a concrete slab 4 inches (100 mm) thick, and 18 inches by 18 inches (457 mm by 457 mm) square.

SECTION 1504.3 - Any part of the plumbing system extending above the ground shall be protected from damage when deemed necessary by the Administrative Authority.

SECTION 1504.4 - Each trailer site shall be provided with a 3 inch I.P.S. male or female threaded connection extending above the surrounding grade from a 3 inch (76 mm) minimum size vented P-trap. Traps shall be located with reference to the immediate boundary lines of the designated space or area within each trailer site that will actually be occupied by the trailer. Each such trap shall be located in the rear third quarter section along the left boundary line of the trailer parking area not less than 1 foot (305 mm) or more than 3 feet (915 mm) from the road side of the trailer and shall be a minimum of 5 feet (1524 mm) from the rear boundary of the trailer site. This location may be varied by permission of the Administrative Authority when unusual conditions are encountered.

— SECTION 1504.5 - All traps, tail pipes, vertical vents, the upper 5 feet (1524 mm) of any horizontal vent, and the first 5 feet (1524 mm) of any trap branch shall be fabricated from materials approved for use within a building.

SECTION 1504.6 - A vertical pipe shall not be used in a special waste and vent system, except the vent pipe, and the connection to the trailer connection fixture.

SECTION 1504.7 - Mobile home and travel trailer drain connections shall be of approved semi-rigid or flexible reinforced hose having smooth interior surfaces and not less than 3 inches (76 mm) inside diameter. Drain connections shall be equipped with a standard quick disconnect screw or clamp type fitting, not less in size than the outlet. Drain connections shall be gas-tight and no longer than necessary to make the connection between the trailer coach drain connection and the trailer connection fixture on the site.

SECTION 1504.8 - Cleanouts shall be provided as required, except cleanouts shall be provided in the stacks 1 foot (305 mm) above grade.

SECTION 1504.9 - For the purpose of determining pipe sizes, each trailer site connection shall be assigned a waste loading value of six fixture units and each trailer park drainage system shall be sized as provided in Table 1805A.1.

SECTION 1504.10 - Minimum grade for sewers shall be so designed that to slope sufficient to provide a mean velocity of 2 feet (610 mm) per second when the pipe is flowing full or half full.

SECTION 1504.11 - The discharge of the park drainage system shall be connected to a public sewer. If a public sewer is not available within 350 feet (106.75 m) for use, an individual sewage disposal system shall be installed, of a type that is acceptable and approved by the Code Official.

SECTION 1504.12 - Minimum pipe size for drainage systems shall be as set forth in Table 1504.12.1.

TABLE 1504.12.1

Max. No. of Trailers Individually Vented Systems	Max. No. of Trailers Wet-Vented Systems	Size of Drain
2	1	3"
30	10	4"
100	50	6"
400	**	8"
1,000	**	10"

*The maximum length of any three inch trap branch is six feet from its vent.

**Will require special design. Consult Administrative Authority.

SECTION 1505 - VENTING:

SECTION 1505.1 - Each wet-vented drainage system shall be provided with a vent not more than 15 feet (4.57 m) downstream from its upper trap, and long mains shall be provided with additional relief vents at intervals of not more than 100 feet (30.5 m) thereafter. The minimum size of each vent serving a wet-vented system shall be as set forth in Table 1505.2.

TABLE 1505.2

Size of Wet-Vented Drain	Minimum Size of Vent
3"	2"
4"	2"
5"	3"
6"	3"
	4"
	4"
	5"
	5"

SECTION 1505.2 - The drainage system of a utility or other building, shall not discharge into a wet-vented line. A house sewer shall not discharge into a wet-vented line.

SECTION 1505.3 - A house sewer or part of a house sewer shall not function as a wet-vent.

SECTION 1505.4 - All vent intersections shall be taken off above the center line of the horizontal pipe. All vent stacks shall be supported by a 4 inch by 4 inch (100 mm by 100 mm) treated post, set in at least 2 feet (610 mm) of concrete extending at least 4 inches above the ground, or supported by another approved method.

SECTION 1505.5 - Galvanized steel vent pipe may extend below the ground vertically, and may directly intersect a drainage line with an approved fitting, if the entire section around both the drain and the galvanized pipe is encased in concrete to prevent any movement. Galvanized steel pipe encased in concrete shall be first coated with bituminous paint, or equivalent protective material.

SECTION 1505.6 - Vent pipes shall be located at least 10 feet (3.05 m) above grade and 10 feet from the property line. A vent terminal from a drainage system may not be directly beneath any door, window, or other ventilating openings of the building or of an adjacent building, and any such vent terminal may not be within 10 horizontally of such an opening unless it is at least 3 feet (915 mm) above the top of the opening.

SECTION 1505.7 - All vent stacks in the wet-vented system shall be 3 inches or more in diameter, except that a 3 inch (76 mm) branch line may be vented by 2 inch (51 mm) vent.

SECTION 1505.8 - A 3 inch (76 mm) branch line shall not exceed 6 feet in length, and no 4 inch branch shall exceed 15 feet in length, unless they are separately vented.

SECTION 1505.9 - Each trailer connection fixture outlet shall be provided with a screw-type plug or cap, and be effectively capped when not use.

SECTION 1506 WATER DISTRIBUTING SYSTEM:

SECTION 1506.1 - Each trailer park water distributing system shall conform to the requirements of this code and shall be so designed and maintained as to provide a residual pressure of not less than 20 p.s.i. at each trailer site under normal operating conditions.

SECTION 1506.2 - Every trailer site shall be provided with an individual water service branch line which shall be not less than 3/4 inches (19 mm) in diameter, delivering safe, potable water.

SECTION 1506.3 - A control valve shall be installed on the water service branch, followed by a spring-loaded check valve on the discharge side of the control valve, with a pressure relief valve located on the discharge side of the spring-loaded check valve, with a hose connection or other approved attachment on the trailer side of the relief valve. Each pressure relief valve shall be equipped with a full-size drain with the end of the pipe not more than 2 feet (610 mm) or less than 6 inches (152 mm) above the ground and pointing downward. The drain may terminate at other approved locations. No part of the drain pipe shall be trapped. A shut-off valve shall not be installed between pressure relief valve and the trailer it serves. The backflow device and relief valve shall be located not less than 12 inches (305 mm) above the grade.

SECTION 1506.4 - The service connection shall not be rigid. Flexible metal tubing is permitted. Fittings at either end shall be of a quick disconnect type not requiring any special tools or knowledge to install or remove.

SECTION 1506.5 - Each trailer outlet on the water distribution system shall be rated at 6 water fixture units.

SECTION 1506.6 - Location of water connection. The trailer park water outlet for each trailer coach space shall be located near the center of the left side of each trailer coach.

SECTION 1506.7 - Fire protection. In the design of the water distribution system in a trailer park, consideration for fire outlet stations throughout the park should be made relative to the location and quantity of water necessary during an emergency period.

SECTION 1507 SANITARY FACILITIES:

SECTION 1507.1 - Public toilets, baths, and lavatories shall be installed and maintained for each sex in accordance with the following ratio of trailer sites:

SECTION 1507.2 - Trailer parks constructed and operated exclusively for independent trailers shall have one toilet; one shower; and one lavatory for each 100 sites or fractional part of them.

SECTION 1507.3 - Trailer parks constructed and operated exclusively for independent trailers shall have one toilet; one shower; and one lavatory for each 100 sites or fractional part of them.

SECTION 1507.4 - Trailer parks constructed and operated for the combined use of dependent and independent trailers shall have the following facilities:

- (a) One additional toilet shall be provided for each 100 sites or fractional part thereof in excess of 70 sites.
- (b) Each toilet shall be for the exclusive use of the occupants of the trailer sites in the trailer park.

TABLE 1507.4.1

Sites	Toilets	Showers	Lavatories
2-25	1	1	1
26-70	2	2	2

SECTION 1507.5 - In every auto and trailer park, shower baths or other bathing facilities with hot and cold running water shall be installed in separate compartments. Every compartment shall be provided with a self-closing door or otherwise equipped with a waterproof draw curtain.

SECTION 1507.6 - Laundry facilities. Every trailer park shall be provided with an accessory utility building containing at least one mechanical washing machine or laundry tray equipped with hot and cold

ning water for every 20 trailer sites or fractional part of them but in no case shall there be less than two laundry trays in any trailer park.

SECTION 1507.7 - Bathing or shower compartments. The inner face of walls of all bathing shower compartments shall be finished with cement, concrete, metal, tile, or other approved waterproof materials extending to a height of not less than 6 feet (1.8 m) above the floor. Floors of shower compartments shall be made of concrete or other similar impervious material. Floors shall slope to floor drains at the rate of 1/4 inch per foot.

SECTION 1508 MAINTENANCE: All required devices or safeguards shall be maintained in good working order. The owner, operator, or lessee of the trailer park or his designated agent shall be responsible for their maintenance. When wash rooms or toilet rooms are installed, they must conform with these regulations.

SECTION 1509 RESPONSIBILITY-VIOLATIONS-OPERATOR'S RESPONSIBILITY: When it is found that there exists, or may exist, a violation of any pertinent regulation the owner, operator, lessee, person in charge of the park, or any other person causing a violation shall immediately disconnect the trailer water supply and sewer connection from the park systems and shall employ such other corrective measures as may be ordered by the Code Official.

Adopted this 7th day of October, 1997.

Effective the 7th day of October, 1997.

ATTEST:

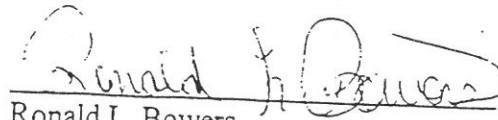
Joni L. Bittner
Joni L. Bittner, Clerk

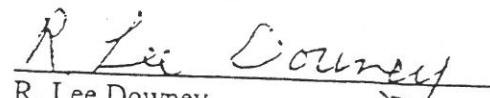
BOARD OF COUNTY COMMISSIONERS
OF WASHINGTON COUNTY, MARYLAND


Gregory I. Spook
Gregory I. Spook, President

John S. Shank
John S. Shank, Vice President

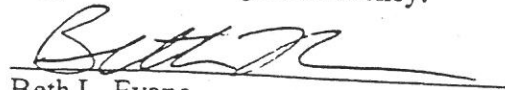
CLERK OF THE CIRCUIT COURT
WASHINGTON COUNTY


Ronald L. Bowers


R. Lee Downey


James R. Wade

Approved as to legal sufficiency:


Beth L. Evans
Assistant County Attorney

Mail to:
County Attorney's Office
100 W. Washington Street, Room 213
Hagerstown, MD 21740

JINANCPLUMBING.93\PLUM-97.AMD

10/2/97

AN ORDINANCE TO AMEND
AN ORDINANCE ADOPTING THE 1997 INTERNATIONAL PLUMBING CODE
WITH LOCAL AMENDMENTS FOR WASHINGTON COUNTY,
ADOPTED ON OCTOBER 7, 1997

WHEREAS, the Board of County Commissioners of Washington County, Maryland, being concerned with securing the proper installation of systems for furnishing potable water, sanitary sewage disposal, and storm drainage and to ensure public safety, health and welfare insofar as they are affected by regulating and controlling the design, construction, quality of materials, installation, alteration, repair, location, relocation, replacement, addition to use or maintenance of plumbing systems, did on October 7, 1997 adopt an Ordinance entitled "AN ORDINANCE TO REPEAL THE 1993 BOCA NATIONAL PLUMBING CODE WITH AMENDMENTS ADOPTED BY THE BOARD OF COUNTY COMMISSIONERS OF WASHINGTON COUNTY, MARYLAND AS THE WASHINGTON COUNTY PLUMBING ORDINANCE ON APRIL 26, 1994 AND TO ENACT THE 1997 INTERNATIONAL PLUMBING CODE WITH LOCAL AMENDMENTS FOR WASHINGTON COUNTY", but did not act on the proposed revised fee schedule which was presented at the public hearing, for the purpose of allowing time for additional discussion and public comment on said proposed fee schedule; and

WHEREAS, public comment was received, reviewed and considered regarding the proposed fee schedule; and

WHEREAS, the Board of County Commissioners of Washington County, Maryland, considered the proposed fee schedule at its regularly scheduled meeting on November 4, 1997; and

WHEREAS, the Board of County Commissioners of Washington County, Maryland, believes it to be in the best interests of the citizens and residents of Washington County, Maryland, for a new schedule to be adopted, said fee schedule to become effective July 1, 1998.

NOW, THEREFORE, BE IT ORDAINED AND ENACTED by the Board of County Commissioners of Washington County, Maryland, that the Local Amendments to the 1997 International Plumbing Code adopted on October 7, 1997, be amended as follows:

SECTION 106.5.2 SHALL READ AS FOLLOWS:

Section 106.5.2 REGISTRATION AND PERMIT FEES SCHEDULE: The registration and permit fees for all plumbing work shall be as indicated in the following schedule.

SCHEDULE OF PERMIT FEES AND LICENSE FEES

DW HAZ
Mar 25, 1998 01:48 PM

Prior to the issuance of any permit, the applicant shall pay the following fees:
*(Regardless of the number of fixtures or appliances)

RESIDENTIAL

_____ Application Fee	\$20.00
_____ *Mobile Home	25.00
_____ *Modular Dwelling	30.00
_____ *Single Family Dwelling	40.00
_____ *2 Family/Semi-Detached (Separate application required for each unit)	40.00 per unit
_____ *Town House (Separate application required for each unit)	40.00 per unit
_____ *Multi-Family/Apartments (Separate application required for each unit)	40.00 per unit
_____ Addition (5 or more fixtures and/or appliances)	25.00
_____ Remodeling (5 or more fixtures and/or appliances)	25.00
_____ Miscellaneous (additions/remodeling/repairs/other) (maximum of four fixtures and/or appliances)	15.00
_____ List fixtures _____	
_____ Connection to public/private water	20.00
_____ Connection to public sewer/private septic	20.00
_____ Gas Piping	20.00

COMMERCIAL

_____ Application Fee	50.00
_____ Commercial/Industrial - New (Maximum of 10 fixtures and/or appliances plus \$2.00 per additional fixture and/or appliance)	50.00
_____ Addition/Remodel	5.00/fixture
_____ Connection to Water	40.00
_____ Connection to Sewer	40.00
_____ Storm Drain	40.00
_____ Gas Piping	50.00

PENALTIES

_____ Transfer of Permit to New Plumber	25.00
_____ Additional inspections due to condemnation or work requiring correction, work covered up before inspection, premature request for inspection due to structure being locked or no domestic hot water. Exemptions are single fixture or single appliance replacements. This fee due prior to any further inspections on property.	25.00

LICENSING FEES
WASHINGTON COUNTY, MARYLAND

REGISTRATION, LICENSING, AND BIENNIAL FEES

	<u>Resident</u>	<u>Non-Resident</u>
Master Plumber	\$ 50.00	\$ 100.00
Journeyman	20.00	40.00
Apprentice	15.00	30.00
On-Site Contractor	50.00	100.00
Appliance Installer	50.00	100.00
Drain Cleaner	50.00	100.00
*Water Conditioner	N/C	N/C
*Pump Installer	N/C	N/C
*Master Well Driller	N/C	N/C
*Journeyman Well Driller	N/C	N/C

Upon initial registration, applicant shall pay the registration and licensing fees. The Board of County Commissioners of Washington County, Maryland, may, by resolution, change periodically the registration, licensing, and biennial fees.

*The State requires these types of licenses to be exempt from all licensing fees.

No additional renewal fee will be charged to applicants registering after March during the renewal year.

Adopted this 4th day of November, 1997.

Effective July 1, 1998.

ATTEST:

Joni L. Bittner
Joni L. Bittner, Clerk

BOARD OF COUNTY COMMISSIONERS
OF WASHINGTON COUNTY, MARYLAND
Gregory I. Snook
Gregory I. Snook, President

John S. Shank
John S. Shank, Vice President

Ronald L. Bowers
Ronald L. Bowers

00009 00177

CLERK OF THE CIRCUIT COURT
WASHINGTON COUNTY

R Lee Downey
R. Lee Downey
James R. Wade
James R. Wade

Approved as to legal sufficiency:

Beth L. Evans
Beth L. Evans
Assistant County Attorney

Mail to:
County Attorney's Office
100 W. Washington Street, Room 213
Hagerstown, MD 21740

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Liber 10 Folio 0372

Acts, Ordinances, Resolutions-County
Clerk of the Circuit Court
Washington County

AN ORDINANCE TO AMEND AN ORDINANCE ADOPTING
THE 1997 INTERNATIONAL PLUMBING CODE WITH
LOCAL AMENDMENTS FOR WASHINGTON COUNTY
ADOPTED BY THE BOARD OF COUNTY COMMISSIONERS
OF WASHINGTON COUNTY, MARYLAND ON OCTOBER 7, 1997 AND
AMENDED ON NOVEMBER 4, 1997

DN 4401
Oct 27, 2004 10:04 am

RECITALS

The Board of County Commissioners of Washington County, Maryland, being concerned with securing the proper installation of systems for furnishing potable water, sanitary sewage disposal, and storm drainage and to ensure public safety, health and welfare insofar as they are affected by regulating and controlling the design, construction, quality of materials, installation, alternation, repair, location, relocation, replacement, addition to use or maintenance of plumbing systems, did on October 7, 1997 adopt an Ordinance entitled "AN ORDINANCE TO REPEAL THE 1993 BOCA NATIONAL PLUMBING CODE WITH AMENDMENTS ADOPTED BY THE BOARD OF COUNTY COMMISSIONERS OF WASHINGTON COUNTY, MARYLAND AS THE WASHINGTON COUNTY PLUMBING ORDINANCE ON APRIL 26, 1994 AND TO ENACT THE 1997 INTERNATIONAL PLUMBING CODE WITH LOCAL AMENDMENTS FOR WASHINGTON COUNTY" (the "Ordinance").

On November 4, 1997, the Board amended the Ordinance by amending Section 106.5.2, Registration and Permit Fees Schedule, to the Local Amendments to the Ordinance.

It has been recommended that Section 106.5.2, Registration and Permit Fees Schedule, be further modified as a result of a Kaizen Event which was held to examine the work processes and flow in the Washington County Department of Permits and Inspections.

A public hearing was held on October 5, 2004 following due notice and advertisement of the Board's intention to modify the fee schedule.

Any public comment was reviewed and carefully considered.

The Board believes it to be in the best interests of the citizens and residents of Washington County, Maryland, for the fee schedule to be further modified.

NOW, THEREFORE, BE IT ORDAINED AND ENACTED by the Board of County Commissioners of Washington County, Maryland that Section 106.5.2, Registration and Permit Fees Schedule, in the Local Amendments to the 1997 International Plumbing Code, adopted on October 7, 1997 and amended on November 4, 1997, be further amended as follows:

Liber 10 Folio 0373

Acts, Ordinances, Resolutions-County
Clerk of the Circuit Court
Washington County

SECTION 106.5.2 is amended and shall read as follows:

Section 106.5.2 REGISTRATION AND PERMIT FEES SCHEDULE: The registration and permit fees for all plumbing work shall be as indicated in the following schedule.

SCHEDULE OF PERMIT FEES AND LICENSE FEES

Prior to the issuance of any permit, the applicant shall pay the following fees:

*(Regardless of the number of fixtures or appliances)

Note: All fees are non-refundable.

RESIDENTIAL

	<u>FEES</u>
___ Application Fee	\$30.00
___ *Mobile Home	25.00
___ *Modular Dwelling	30.00
___ *Single Family Dwelling	40.00
___ *2 Family/Semi-Detached (Separate application required for each unit)	40.00 per unit
___ *Town House (Separate application required for each unit)	40.00 per unit
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___ Remodeling (5 or more fixtures and/or appliances)	25.00
___ Miscellaneous (additions/remodeling/repairs/other) (maximum of four fixtures and/or appliances)	15.00
___ List fixtures	
___ Connection to public/private water	20.00
___ Connection to public sewer/private septic	20.00
___ Gas Piping	20.00

COMMERCIAL

___ Application Fee	60.00
___ Commercial/Industrial - New (Maximum of 10 fixtures and/or appliances plus \$2.00 per additional fixture and/or appliance)	50.00
___ Addition/Remodel	5.00/fixture
___ Connection to Water	40.00
___ Connection to Sewer	40.00
___ Storm Drain	40.00
___ Gas Piping	50.00

Liber 10 Folio 0374

Acts, Ordinances, Resolutions-County
Clerk of the Circuit Court
Washington County

PENALTIES

_____ Transfer of Permit to New Plumber	25.00
_____ Additional inspections due to condemnation or work requiring correction, work covered up before inspection, premature request for inspection due to structure being locked or no domestic hot water. Exemptions are single fixture or single appliance replacements. This fee due prior to any further inspections on property.	25.00

LICENSING FEES WASHINGTON COUNTY, MARYLAND

REGISTRATION, LICENSING, AND BIENNIAL FEES

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*Master Well Driller	N/C	N/C
*Journeyman Well Driller	N/C	N/C

*The State requires these types of licenses to be exempt from all licensing fees.

Upon initial registration, applicant shall pay the registration and licensing fees. The Board of County Commissioners of Washington County, Maryland, may, by resolution, change periodically the registration, licensing, and biennial fees.

No additional renewal fee will be charged to applicants registering after March during the renewal year.


Adopted this 19th day of October, 2004.

Effective the 1st day of November, 2004.

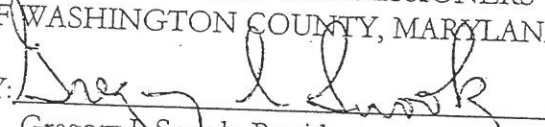
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Acts, Ordinances, Resolutions-County
Clerk of the Circuit Court
Washington County

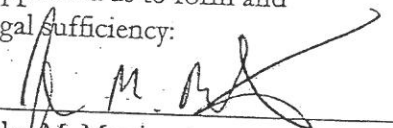
ATTEST:


Joni L. Bittner, Clerk

BOARD OF COUNTY COMMISSIONERS
OF WASHINGTON COUNTY, MARYLAND

BY: 
Gregory I. Snook, President

Approved as to form and
legal sufficiency:


John M. Martirano
Deputy County Attorney

Mail to:
Office of the County Attorney
100 W. Washington Street, Room 202
Hagerstown, MD 21740